

* SWBAT use the scientific method to conduct and communicate an experiment, to be recorded in a Vee Chart.

Sep 6-2:31 PM

Welcome!!!

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SECA Physics
Thursday 17 September 2015

- * Find your (or join a) project team
- get your Vee Chart from back table

New people?

Opening Activity:

Who might care about this kind of experiment? Why?



http://www.youtube.com/watch?v=7SjX7A_FR6g

Centering

Sep 7-7:04 AM

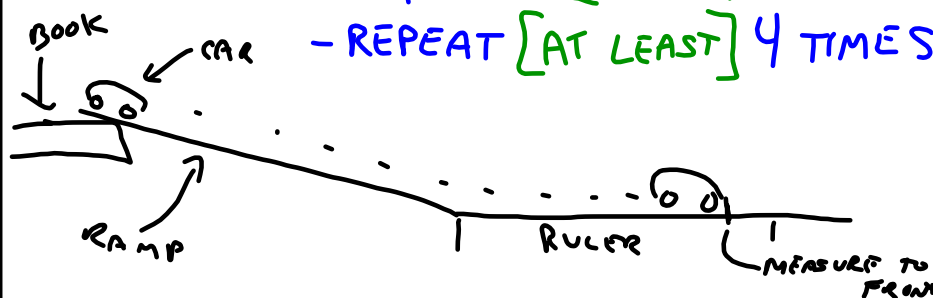
Rules for Good Graphs:

Sep 12-7:42 AM

Step by step procedure...

What did we come up with?

- SET UP RAMP ON BOOK
- LET CAR GO FROM _____
- MEASURE DISTANCE FROM END OF RAMP TO _____
- RECORD DATA IN TABLE
- [- REPEAT 3 TIMES]
- CHANGE [WEIGHT, HEIGHT, TEXTURE]
- REPEAT [AT LEAST] 4 TIMES




Sep 12-7:42 AM

Project Vee Chart

- Part 1: Write down your question
How DOES _____ AFFECT HOW FAR A TOY CAR TRAVELS PAST THE END OF THE RAMP?
- Part 2: Concept Map
I THINK AS... BECAUSE... I NOTICED...
- Part 3: Methods and Materials
- MATERIALS - STEP BY STEP - DIAGRAM
- Part 4: Data
- TABLE W/ UNITS - MORE DATA \Rightarrow BETTER!
Labeled
- Part 5: Graph

RULES
 - LABELS
 - UNITS



WEIGHT (g)	DIST. (cm)
- Part 6: Results
- ODD DATA EXPLAINED - DESCRIPTION - LINE? - UP/DN/FLAT? - CURVE? - REACH LIMIT?
- Part 7: Knowledge Claim
- ANSWER TO Q - DATA / #S TO SUPPORT - BETTER NEXT TIME?
- Part 8: Value Claim
- WHO WOULD CARE - WHY? X2
- Part 9: Glossary
 \hookrightarrow ENOUGH TO PAY!
 \hookrightarrow MAYBE "NONE"?
 \hookrightarrow VELOCITY, GRAVITY, REACTION,?
 BOOK GLOSSARY

Jan 26-7:43 AM

We are RHR...

- Work alone or with your table to put the classroom grid back together
- Let's look at it together. Any questions?
- Pick at least 3 that you could give an example of what NOT to do

Sep 8-8:16 AM

We are	Respectful	Honest	Responsible
Beginning/End of Class	<ul style="list-style-type: none"> - Help get / keep learning time (minimize disruption or distraction) - Code switch to classroom mode 	<ul style="list-style-type: none"> - Honor the bells 	<ul style="list-style-type: none"> - Gather or put away supplies - Keep our room clean orderly
Lab time	<ul style="list-style-type: none"> - Gather and return supplies, clean up 	<ul style="list-style-type: none"> - Doing only the activities planned 	<ul style="list-style-type: none"> - Everyone is responsible for keeping everything safe
Teacher Led or Whole Group Instruction	<ul style="list-style-type: none"> - Give your attention to the speaker * PEDs & headphones away * End side conversations 	<ul style="list-style-type: none"> - Contribute to your ability 	<ul style="list-style-type: none"> - Monitor your learning * Need notes? * Asking questions / for help
Small Group / Independent Work Time	<ul style="list-style-type: none"> - Make class first priority * One-ear quiet music 	<ul style="list-style-type: none"> - Have your brain turned on, contribute 	<ul style="list-style-type: none"> - Advocate for your learning
Asking for missing work/ Grade contract Requests	Find appropriate time to discuss progress with me	Be realistic about what you can and will get done	Use schoolview on your own to assess your progress

Sep 8-8:23 AM